

Abstract

An installation for the cataphoretic dip coating of articles (4), in particular of vehicle bodies, comprises in known manner a dip tank (1), into which the articles (4) can be immersed. The negative terminal of a coating voltage source (5) can be connected with the immersed articles (4); the positive terminal of the voltage source is connected with at least one anode (6) immersed in the coating liquid present in the dip tank (1). This anode (6) has a cross-sectional profile which, in at least one portion (6a, 6b, 6c), is adapted as a curved surface to the outline of the articles (4) to be treated in such a manner that the anode follows the outline of said article (4) in approximately parallel manner. This is made possible by the electrodialysis apparatus (19), by means of which the acid formed during the coating operation is removed from the coating liquid and which is necessary for such installations, being arranged outside the dip tank (1).